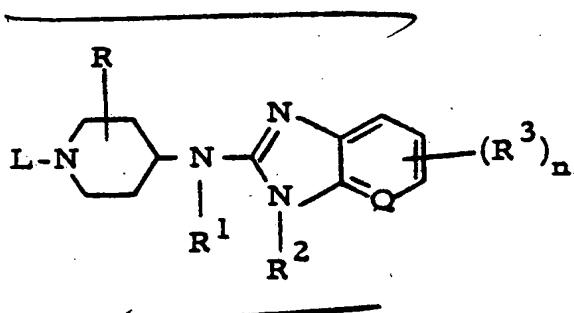


**WHAT IS CLAIMED IS:**

1           1. A chemical compound selected from the group consisting  
2        of a N-heterocyclyl-4-piperidinamine having the formula



\*3 and the pharmaceutically acceptable acid addition salts thereof,  
4 wherein

5 R is a member selected from the group consisting of hydrogen and  
6 lower alkyl;

7 R<sup>1</sup> is a member selected from the group consisting of hydrogen,  
8 lower alkyl, cycloalkyl, aryl lower alkyl and lower alkanoyl;

9  $R^2$  is a member selected from the group consisting of hydrogen,  
10 alkyl having from 1 to 10 carbon atoms, aryl, cycloalkyl and mono- A  
11 and diaryl(lower alkyl);

**P** 12  $R^3$  is a member independently selected from the group consisting of,  
13 halo, lower alkyl, lower alkyloxy and trifluoromethyl;

14 n is an integer of from 0 to 2 inclusive;

15 Q is a member selected from the group consisting of CH and N; and

16 L is a member selected from the group consisting of lower alkyl,  
 17 which is optionally substituted with up to 3 substituents each in-  
 18 dependently selected from the group consisting of halo, cyano,  
 19 hydroxy, isothiocyanato, lower alkyloxy, aryl, aryloxy, arylthio,  
 20 arylsulfonyl, amino; lower alkenyl; aryllower alkenyl; cycloalkyl,  
 21 being optionally substituted with a cyano and/or an aryl group;  
 22 1-(aryllower alkyl)-1H-benzimidazol-2-yl; and a radical of the  
 23 formula  $Z-C_mH_{2m}-$ , wherein

24 P<sub>1</sub> m is an integer of from 1 to 6 inclusive; and

25 P<sub>2</sub> Z is a member selected from the group consisting of 4, 5-dihydro-5-oxo-1H-tetrazol-1-yl, being optionally substituted in its 4-position by an aryl radical or a lower alkyl radical; 2, 3-dihydro-1, 4-benzodioxin-2-yl; 2, 3-dihydro-1, 4-benzodioxin-6-yl; 2, 3-dihydro-2-oxo-1H-benzimidazol-1-yl; 2, 3-dihydro-3-oxo-4H-benzoxazin-4-yl; (10, 11-dihydro-5H-dibenzo[a, d]cyclohepten-5-ylidene)methyl; 4-morpholinyl; 1-piperidinyl; 1-pyrrolidinyl; a radical of the formula T-N(R<sup>4</sup>)-, wherein

34 P<sub>3</sub> R<sup>4</sup> is a member selected from the group consisting of hydrogen, lower alkyl and aryllower alkyl; and

36 P<sub>4</sub> T is a member selected from the group consisting of lower alkyl, aryl, aryllower alkyl, 1H-benzimidazol-2-yl; and

39 *0600XP* P<sub>5</sub> a radical of the formula  $W-C(=O)-(X)_s-$ , wherein

40 P<sub>6</sub> s is the integer 0 or 1;

41        X is a member selected from the group consisting  
 42        of O and  $\text{N}(\text{R}^5)$ -, said  $\text{R}^5$  being a member selected  
 43        from the group consisting of hydrogen, lower alkyl,  
 44        aryl lower alkyl, lower alkanoyl and aroyl; and

45        W is a member selected from the group consisting  
 46        of lower alkyl, aryl, aryl lower alkyl, amino, aryl-  
 47        amino, mono- and di(lower alkyl)amino, mono- and  
 48        di(aryl lower alkyl)amino, 1-piperidinyl, 1-pyrroli-  
 49        dinyl and 4-morpholinyl;

50        wherein aryl as used in the foregoing definitions, is a member selec-  
 51        ted from the group consisting of phenyl, substituted phenyl, naphtha-  
 52        lenyl, thienyl, halothienyl, (lower alkyl)thienyl, pyridinyl, mono-  
 53        and di(lower alkyl)pyridinyl, furanyl and 1-(lower alkyl)pyrrolyl;  
 54        wherein said substituted phenyl is phenyl having from 1 to 3 sub-  
 55        stituents each independently selected from the group consisting  
 56        of halo, hydroxy, nitro, cyano, trifluoromethyl, lower alkyl, lower  
 57        alkylthio, lower alkylsulfonyl, lower alkylsulfonyl lower alkyl,  
 58        phenyl lower alkylsulfonyl, phenylsulfonyl lower alkyl, amino, mono-  
 59        and di-(lower alkyl)amino, lower alkanoyl, a radical of the formula  
 60         $\text{R}^6_{\text{n}}-\text{C}_\text{p}^{\text{H}_{2\text{p}}}-\text{O}-$ , wherein

61        p is an integer of from 1 to 6 inclusive; and

62         $\text{R}^6$  is a member selected from the group consisting  
 63        of hydrogen, amino, cyano, phenyl, aminocarbonyl,  
 64        mono- and di(lower alkyl)aminocarbonyl, lower alkyl-  
 65        oxycarbonyl, phenyl lower alkyl oxycarbonyl, 4-morpho-  
 66        linyl carbonyl, 1-piperidinyl carbonyl and 1-pyrroli-  
 67        dinyl carbonyl, and

68 a radical of the formula  $R^7-O-$ , wherein

69       $R^7$  is a member selected from the group consisting  
 70      of alkanoyl, phenylcarbonyl, phenyllower alkylcarbonyl,  
 71      lower alkyloxycarbonyl, phenyllower alkyloxycarbonyl,  
 72      aminocarbonyl, phenylaminocarbonyl, mono- and di-  
 73      (lower alkyl)aminocarbonyl,  
 74      wherein said phenyl in the definition of said  $R^7$  may  
 75      be optionally substituted with up to 3 substituents each  
 76      independently selected from the group consisting of  
 77      halo, cyano, nitro, lower alkyl and lower alkyloxy; and

78      wherein said aroyl in the definition of said L represents arylcarbonyl  
 79      wherein said aryl is as defined hereabove.

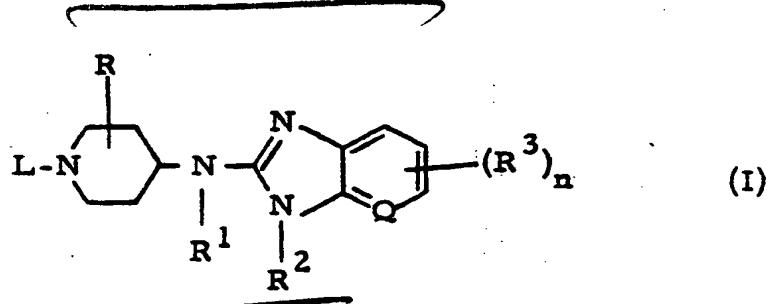
1      2. A chemical compound selected from the group consisting of  
 2      1-(4-fluorophenylmethyl)-N- $\{1-\underline{2}-(4\text{-methoxyphenyl})ethyl\}7-45$   
 3      piperidinyl $\}1H$ -benzimidazol-2-amine and the pharmaceutically  
 4      acceptable acid addition salts thereof.

1      3. A chemical compound selected from the group consisting of  
 2      4- $\underline{2}\{4-\underline{1}-(4\text{-fluorophenylmethyl})-1H\text{-benzimidazol-2-ylamino}\}7-1-$   
 3      piperidinyl $\}ethyl\}phenol$  and the pharmaceutically acceptable acid  
 4      addition salts thereof.

1      4. A chemical compound selected from the group consisting of  
 2       $\{4-\underline{2}\{4-\underline{1}-(4\text{-fluorophenylmethyl})-1H\text{-benzimidazol-2-ylamino}\}7-$   
 3      1-piperidinyl $\{ethyl\}phenyl\}benzeneacetate$  and the pharmaceutically  
 4      acceptable acid addition salts thereof.

1      5. A chemical compound selected from the group consisting of  
 2       $\{4-\underline{2}\{4-\underline{1}-(4\text{-fluorophenylmethyl})-1H\text{-benzimidazol-2-ylamino}\}7-$   
 3      1-piperidinyl $\{ethyl\}phenoxy\}acetonitrile$  and the pharmaceutically accep-  
 4      table acid addition salts thereof.

1       6. An antihistaminic pharmaceutical composition comprising  
 2       an inert carrier material and as an active ingredient an effective  
 3       antihistaminic amount of a chemical compound selected from the  
 4       group consisting of a N-heterocycl-4-piperidinamine having the  
 5       formula



7       and the pharmaceutically acceptable acid addition salts thereof,  
 8       wherein

9       10 P R is a member selected from the group consisting of hydrogen and  
 10 lower alkyl;

11       12 P R<sup>1</sup> is a member selected from the group consisting of hydrogen,  
 12 lower alkyl, cycloalkyl, aryl lower alkyl and lower alkanoyl;

13       14 P R<sup>2</sup> is a member selected from the group consisting of hydrogen,  
 13 alkyl having from 1 to 10 carbon atoms, aryl, cycloalkyl and mono-  
 14 and diaryl(lower alkyl);

15       16 P R<sup>3</sup> is a member independently selected from the group consisting of  
 15 halo, lower alkyl, lower alkyloxy, trifluoromethyl;

17       n is an integer of from 0 to 2 inclusive;

18       Q is a member selected from the group consisting of CH and N; and

19 L is a member selected from the group consisting of lower alkyl,  
 20 which is optionally substituted with up to 3 substituents each in-  
 21 dependently selected from the group consisting of halo, cyano,  
 22 hydroxy, isothiocyanato, lower alkyloxy, aryl, aryloxy, arylthio,  
 23 arylsulfonyl, amino; lower alkenyl; aryllower alkenyl; cycloalkyl,  
 24 being optionally substituted with a cyano and/or an aryl group;  
 25 1-(aryllower alkyl)-1H-benzimidazol-2-yl; and a radical of the  
 26 formula  $Z-C_mH_{2m-}$ , wherein

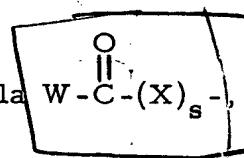
27  $\textcircled{P}$  m is an integer of from 1 to 6 inclusive; and

28 Z is a member selected from the group consisting of 4, 5-  
 29 dihydro-5-oxo-1H-tetrazol-1-yl, being optionally substituted  
 30 in its 4-position by an aryl radical or a lower alkyl radical;  
 31 2, 3-dihydro-1, 4-benzodioxin-2-yl; 2, 3-dihydro-1, 4-benzo-  
 32 dioxin-6-yl; 2, 3-dihydro-2-oxo-1H-benzimidazol-1-yl; 2, 3-  
 33 dihydro-3-oxo-4H-benzoxazin-4-yl; (10, 11-dihydro-5H-di-  
 34  $\textcircled{S}$  benzo[a, d]cyclohepten-5-ylidene)methyl; 4-morpholinyl;  
 35 1-piperidinyl; 1-pyrrolidinyl; a radical of the formula  
 36  $T-N(R^4)^4-$ , wherein

37  $\textcircled{P}$   $R^4$  is a member selected from the group consisting  
 38 of hydrogen, lower alkyl and aryllower alkyl; and

39  $\textcircled{P}$  T is a member selected from the group consisting  
 40 of lower alkyl, aryl, aryllower alkyl, 1H-benz-  
 41 imidazol-2-yl; and

42  $\textcircled{P}$   $\textcircled{F}$   $\textcircled{Oxid}$  a radical of the formula  $W-C-(X)_s-$ , wherein



$\textcircled{P}$   $\textcircled{H}$

43  $\textcircled{P}$  s is the integer 0 or 1;

44            X is a member selected from the group consisting  
 45            of O and -N(R<sup>5</sup>)-, said R<sup>5</sup> being a member selected  
 46            from the group consisting of hydrogen, lower alkyl,  
 47            aryl lower alkyl, lower alkanoyl and aroyl; and

48            W is a member selected from the group consisting  
 49            of lower alkyl, aryl, aryl lower alkyl, amino, aryl-  
 50            amino, mono- and di(lower alkyl)amino, mono- and  
 51            di(aryl lower alkyl)amino, 1-piperidinyl, 1-pyrroli-  
 52            dinyl and 4-morpholinyl;

53 wherein aryl as used in the foregoing definitions, is a member selected from the group consisting of phenyl, substituted phenyl, naphthalenyl, thienyl, halothienyl, (lower alkyl)thienyl, pyridinyl, mono- and di(lower alkyloxy)pyridinyl, furanyl and 1-(lower alkyl)pyrrolyl;  
 54 wherein said substituted phenyl is phenyl having from 1 to 3 substituents each independently selected from the group consisting  
 55 of halo, hydroxy, nitro, cyano, trifluoromethyl, lower alkyl, lower  
 56 alkylthio, lower alkylsulfonyl, lower alkylsulfonyl lower alkyl,  
 57 phenyl lower alkylsulfonyl, phenylsulfonyl lower alkyl, amino, mono-  
 58 and di-(lower alkyl)amino, lower alkanoyl, a radical of the formula  
 59 R<sup>6</sup>-C<sub>p</sub>H<sub>2p</sub>-O-, wherein

60            p is an integer of from 1 to 6 inclusive; and

61            R<sup>6</sup> is a member selected from the group consisting  
 62            of hydrogen, amino, cyano, phenyl, aminocarbonyl,  
 63            mono- and di(lower alkyl)aminocarbonyl, lower alkyl-  
 64            oxycarbonyl, phenyl lower alkyloxycarbonyl, 4-morpho-  
 65            linylcarbonyl, 1-piperidinylcarbonyl and 1-pyrroli-  
 66            dinylcarbonyl, lower alkenyl; and

71 a radical of the formula  $R^7-O-$ , wherein

72       $R^7$  is a member selected from the group consisting  
 73      of alkanoyl, phenylcarbonyl, phenyllower alkylcarbonyl,  
 74      lower alkyloxycarbonyl, phenyllower alkyloxycarbonyl,  
 75      aminocarbonyl, phenylaminocarbonyl, mono- and di-  
 76      (lower alkyl)aminocarbonyl,  
 77      wherein said phenyl in the definition of said  $R^7$  may  
 78      be optionally substituted with up to 3 substituents each  
 79      independently selected from the group consisting of  
 80      halo, cyano, nitro, lower alkyl and lower alkyloxy; and

81 wherein said aroyl in the definition of said L represents arylcarbonyl  
 82 wherein said aryl is as defined hereabove.

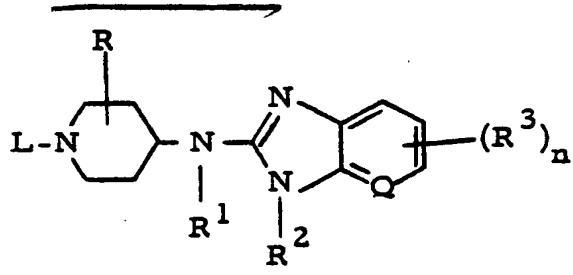
1      7. An antihistaminic pharmaceutical composition comprising  
 2      an inert carrier material and as an active ingredient an effective  
 3      antihistaminic amount of a chemical compound selected from the  
 4      group consisting of 1-(4-fluorophenylmethyl)-N-{1-2-(4-methoxy-  
 5      phenyl)ethyl}-4-piperidinyl}-1H-benzimidazol-2-amine and the  
 6      pharmaceutically acceptable acid addition salts thereof.

1      8. An antihistaminic pharmaceutical composition comprising  
 2      an inert carrier material and as an active ingredient an effective  
 3      antihistaminic amount of a chemical compound selected from the  
 4      group consisting of 4-2-{4-1-(4-fluorophenylmethyl)-1H-benz-  
 5      imidazol-2-ylamino}-1-piperidinyl} ethylphenol and the pharma-  
 6      ceutically acceptable acid addition salts thereof.

1           9. An antihistaminic pharmaceutical composition comprising  
 2       an inert carrier material and as an active ingredient an effective  
 3       antihistaminic amount of a chemical compound selected from the  
 4       group consisting of  $\{4-\text{Z}-\{4-\text{I}-(4\text{-fluorophenylmethyl})-1\text{H-benz-}$   
 5       ~~imidazol-2-ylamino}~~-1-piperidinyl ethyl phenyl benzeneacetate and  
 6       the pharmaceutically acceptable acid addition salts thereof.

1           10. An antihistaminic pharmaceutical composition comprising  
 2       an inert carrier material and as an active ingredient an effective  
 3       antihistaminic amount of a chemical compound selected from the  
 4       group consisting of  $\{4-\text{Z}-\{4-\text{I}-(4\text{-fluorophenylmethyl})-1\text{H-}$   
 5       ~~benzimidazol-2-ylamino~~-1-piperidinyl ethyl phenoxy acetonitrile and  
 6       the pharmaceutically acceptable acid addition salts thereof.

1           11. A method to prevent the release of histamine in warm-  
 2       blooded animals, which comprises the systemic administration to  
 3       said animals of an effective antihistaminic amount of a chemical  
 4       compound selected from the group consisting of a N-heterocycl-  
 5       4-piperidinamine having the formula



6       and the pharmaceutically acceptable acid addition salts thereof,  
 7       wherein

8       R is a member selected from the group consisting of hydrogen and  
 9       lower alkyl;

10      R<sup>1</sup> is a member selected from the group consisting of hydrogen,  
 11      lower alkyl, cycloalkyl, aryl lower alkyl and lower alkanoyl;

12 R<sup>2</sup> is a member selected from the group consisting of hydrogen,  
 13 alkyl having from 1 to 10 carbon atoms, aryl, cycloalkyl and mono-  
 14 and diaryl(lower alkyl);

15 R<sup>3</sup> is a member independently selected from the group consisting of  
 16 halo, lower alkyl, lower alkyloxy, trifluoromethyl;

17 n is an integer of from 0 to 2 inclusive;

18 Q is a member selected from the group consisting of CH and N; and

19 L is a member selected from the group consisting of lower alkyl,  
 20 which is optionally substituted with up to 3 substituents each in-  
 21 dependently selected from the group consisting of halo, cyano,  
 22 hydroxy, isothiocyanato, lower alkyloxy, aryl, aryloxy, arylthio,  
 23 arylsulfonyl, amino; lower alkenyl; aryllower alkenyl; cycloalkyl,  
 24 being optionally substituted with a cyano and/or an aryl group;  
 25 1-(aryllower alkyl)-1H-benzimidazol-2-yl; and a radical of the  
 26 formula Z-C<sub>m</sub>H<sub>2m</sub>-, wherein

27 m is an integer of from 1 to 6 inclusive; and

28 Z is a member selected from the group consisting of 4, 5-,  
 29 dihydro-5-oxo-1H-tetrazol-1-yl, being optionally substituted  
 30 in its 4-position by an aryl radical or a lower alkyl radical;  
 31 2, 3-dihydro-1, 4-benzodioxin-2-yl; 2, 3-dihydro-1, 4-benzo-  
 32 dioxin-6-yl; 2, 3-dihydro-2-oxo-1H-benzimidazol-1-yl; 2, 3-  
 33 dihydro-3-oxo-4H-benzoxazin-4-yl; (10, 11-dihydro-5H-di-  
 34 benzo[a, d]cyclohepten-5-ylidene)methyl; 4-morpholinyl;  
 35 1-piperidinyl; 1-pyrrolidinyl; a radical of the formula  
 36 T-N(R<sup>4</sup>)-, wherein

37 R<sup>4</sup> is a member selected from the group consisting  
 38 of hydrogen, lower alkyl and aryllower alkyl; and

39 T is a member selected from the group consisting  
 40 of lower alkyl, aryl, aryloower alkyl, 1H-henz-  
 41 imidazol-2-yl; and

42 a radical of the formula  $\boxed{\begin{array}{c} \text{O} \\ \parallel \\ \text{W}-\text{C}-(\text{X})_s- \end{array}}$ , wherein  
 43  $\text{X}$  is the integer 0 or 1;

44 X is a member selected from the group consisting  
 45 of O and  $-\text{N}(\text{R}^5)_2$ , said  $\text{R}^5$  being a member selected  
 46 from the group consisting of hydrogen, lower alkyl,  
 47 aryloower alkyl, lower alkanoyl and aroyl; and

48 W is a member selected from the group consisting  
 49 of lower alkyl, aryl, aryloower alkyl, amino, aryl-  
 50 amino, mono- and di(lower alkyl)amino, mono- and  
 51 di(aryloower alkyl)amino, 1-piperidinyl, 1-pyrroli-  
 52 dinyl and 4-morpholinyl;

53 wherein aryl as used in the foregoing definitions, is a member selec-  
 54 ted from the group consisting of phenyl, substituted phenyl, naphtha-  
 55 lenyl, thienyl, halothienyl, (lower alkyl)thienyl, pyridinyl, mono-  
 56 and di(lower alkyl)pyridinyl, furanyl and 1-(lower alkyl)pyrrolyl;  
 57 wherein said substituted phenyl is phenyl having from 1 to 3 sub-  
 58 stituents each independently selected from the group consisting  
 59 of halo, hydroxy, nitro, cyano, trifluoromethyl, lower alkyl, lower  
 60 alkylthio, lower alkylsulfonyl, lower alkylsulfonyl lower alkyl,  
 61 phenyl lower alkylsulfonyl, phenylsulfonyl lower alkyl, amino, mono-  
 62 and di-(lower alkyl)amino, lower alkanoyl, a radical of the formula  
 63  $\text{R}^6_{\text{C}_p\text{H}_{2p}-\text{O}-}$ , wherein

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p is an integer of from 1 to 6 inclusive; and

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$R^6$  is a member selected from the group consisting of hydrogen, amino, cyano, phenyl, aminocarbonyl, mono- and di(lower alkyl)aminocarbonyl, lower alkyl-oxycarbonyl, phenyllower alkyloxycarbonyl, 4-morpholinylcarbonyl, 1-piperidinylcarbonyl and 1-pyrrolydinylcarbonyl, lower alkenyl; and

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a radical of the formula  $R^7-O-$ , wherein

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$R^7$  is a member selected from the group consisting of alkanoyl, phenylcarbonyl, phenyllower alkylcarbonyl, lower alkyloxycarbonyl, phenyllower alkyloxycarbonyl, aminocarbonyl, phenylaminocarbonyl, mono- and di-(lower alkyl)aminocarbonyl, wherein said phenyl in the definition of said  $R^7$  may be optionally substituted with up to 3 substituents each independently selected from the group consisting of halo, cyano, nitro, lower alkyl and lower alkyloxy; and

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wherein said aroyl in the definition of said L represents arylcarbonyl  
wherein said aryl is as defined hereabove.

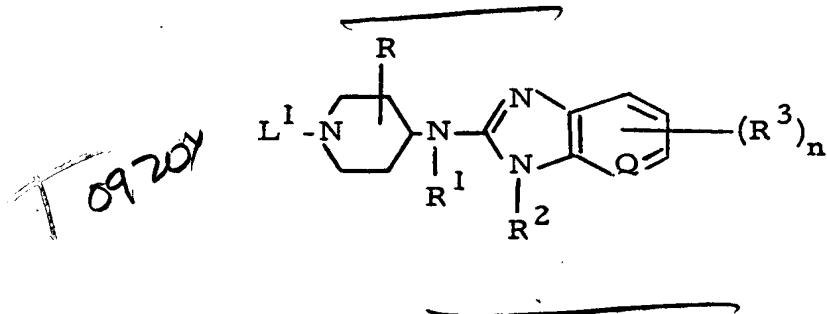
1        12. A method to prevent the release of histamine in warm-  
2    blooded animals, which comprises the systemic administration to  
3    said animals of an effective antihistaminic amount of a chemical  
4    compound selected from the group consisting of 1-(4-fluorophenyl-  
5    methyl)-N- $\left\{1-\text{Z}-(4\text{-methoxyphenyl})\text{ethyl}\right\}$ -4-piperidinyl-1H-  
6    benzimidazol-2-amine and the pharmaceutically acceptable acid  
7    addition salts thereof.

1        13. A method to prevent the release of histamine in warm-  
2    blooded animals, which comprises the systemic administration to  
3    said animals of an effective antihistaminic amount of a chemical  
4    compound selected from the group consisting of 4- $\text{Z-}\left\{4-\text{I-}\left(4-\right.\right.$   
5    fluorophenylmethyl)-1H-benzimidazol-2-ylamino $\left.\right\}$ -1-piperidinyl $\left.\right\}$ -  
6    ethylphenol and the pharmaceutically acceptable acid addition  
7    salts thereof.

1        14. A method to prevent the release of histamine in warm-  
2    blooded animals, which comprises the systemic administration to  
3    said animals of an effective antihistaminic amount of a chemical  
4    compound selected from the group consisting of  $\left\{4-\text{Z-}\left\{4-\text{I-}\left(4-\right.\right.$   
5    fluorophenylmethyl)-1H-benzimidazol-2-ylamino $\left.\right\}$ -1-piperidinyl $\left.\right\}$ -  
6    ethylphenyl $\left.\right\}$  benzeneacetate and the pharmaceutically acceptable  
7    acid addition salts thereof.

1        15. A method to prevent the release of histamine in warm-  
2    blooded animals, which comprises the systemic administration to  
3    said animals of an effective antihistaminic amount of a chemical  
4    compound selected from the group consisting of  $\left\{4-\text{Z-}\left\{4-\text{I-}\left(4-\right.\right.$   
5    fluorophenylmethyl)-1H-benzimidazol-2-ylamino $\left.\right\}$ -1-piperidinyl $\left.\right\}$ -  
6    ethylphenoxy $\left.\right\}$  acetonitrile and the pharmaceutically acceptable  
7    acid addition salts thereof.

16. A chemical compound having the formula



## 2 ~~wherein:~~

- 3      $L^1$  is a member selected from the group consisting of hydrogen,  
4     lower alkyloxycarbonyl and phenylmethoxycarbonyl;
- 5     R is a member selected from the group consisting of hydrogen and  
6     lower alkyl;
- 7     R<sup>1</sup> is a member selected from the group consisting of hydrogen,  
8     lower alkyl, cycloalkyl, aryl lower alkyl and lower alkanoyl;
- 9     R<sup>2</sup> is a member selected from the group consisting of hydrogen,  
10    alkyl having from 1 to 10 carbon atoms, aryl, cycloalkyl and mono-  
11    and diaryl(lower alkyl);
- 12    R<sup>3</sup> is a member independently selected from the group consisting of,  
13    halo, lower alkyl, lower alkyloxy, trifluoromethyl;
- 14    n is an integer of from 0 to 2 inclusive;
- 15    Q is a member selected from the group consisting of CH and N; and

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16 wherein aryl as used in the foregoing definitions, is a member selec-  
 17 ted from the group consisting of phenyl, substituted phenyl, naphtha-  
 18 lenyl, thienyl, halothienyl, (lower alkyl)thienyl, pyridinyl, mono-  
 19 and di(lower alkyl)pyridinyl, furanyl and 1-(lower alkyl)pyrrolyl;  
 20 wherein said substituted phenyl is phenyl having from 1 to 3 sub-  
 21 stituents each independently selected from the group consisting  
 22 of halo, hydroxy, nitro, cyano, trifluoromethyl, lower alkyl, lower  
 23 alkylthio, lower alkylsulfonyl, lower alkylsulfonyl lower alkyl,  
 24 phenyl lower alkylsulfonyl, phenylsulfonyl lower alkyl, amino, mono-  
 25 and di-(lower alkyl)amino, lower alkanoyl, a radical of the formula  
 26  $R^6 - C_p H_{2p} - O -$ , wherein

27  $p$  is an integer of from 1 to 6 inclusive; and

28  $R^6$  is a member selected from the group consisting  
 29 of hydrogen, amino, cyano, phenyl, aminocarbonyl,  
 30 mono- and di(lower alkyl)aminocarbonyl, lower alkyl-  
 31 oxy carbonyl, phenyl lower alkyl oxy carbonyl, 4-morpho-  
 32 linyl carbonyl, 1-piperidinyl carbonyl and 1-pyrroli-  
 33 dinyl carbonyl, lower alkenyl; and

34 a radical of the formula  $R^7 - O -$ , wherein

35  $R^7$  is a member selected from the group consisting  
 36 of alkanoyl, phenyl carbonyl, phenyl lower alkyl carbonyl,  
 37 lower alkyl oxy carbonyl, phenyl lower alkyl oxy carbonyl,  
 38 aminocarbonyl, phenyl aminocarbonyl, mono- and di-  
 39 (lower alkyl) aminocarbonyl and phenyl carbonyl,  
 40 wherein said phenyl in the definition of said  $R^7$  may  
 41 be optionally substituted with up to 3 substituents each  
 42 independently selected from the group consisting of  
 43 halo, cyano, nitro, lower alkyl and lower alkyl oxy, and

44 wherein said aroyl in the definition of said L represents aryl carbonyl

45 wherein said aryl is as defined hereabove.

add  
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